## CHANGES SYSTEM OF HANDLING ORES MAKES FINE SHOWING OLD NAY AUG MINE COPPER PORPHYRIES THE CHICAGO BOARD SMALLEST OF YEAR IN METAL MARKET

### Coarse Crushing Plant at Utah Copper Mills.

A pamphlet issued by the Stephens-Adamson Manufacturing company gives Magna mill of the Utah Copper company. The new installation was made at a cash outlay of \$750,000, upon the recommendation of Utah Copper's consulting engineer, George O. Bradley, and has changed the system of handling the ores

changed the system of handling the ores in the bins. The results have been such as to prevent the usual delays in handling the ores during the winter season, when it freezes, and caused the company to install a similar plant at the Arthur concentrator.

The ore is brought from the Bingham Mountain mine in steel hopper cars of 100,000 pounds capacity each. The bins are placed on a hillside and the track leads on a trestle to the top of the bins. The cars run over the bins, a whole trainload of about ten cars at a time, and dumped over grizzlies to the bins. The mine run ore varies in size of pieces from eighteen inches in diameter down to dust and the varied sizes are separated as they fall from the cars into two series of bins. The grizzlies are built up of heavy railroad tails, spaced about three inches apart.

Beneath the coarse ore bins are arranged a series of four steel pan conveying, placed end to end on one line. These run in opposite directions, so that two at either end travel toward each other, delivering together into the same runsher.

In handling the ore from the various In handling the ore

two at either end travel toward each wher, delivering together into the same trusher.

In handling the ore from the various him to the conveyors it was impractical single to the conveyors of the same that the reworld rush through uncontrolled and flood the conveyor. O meet this different it was necessary to the same that the rewould rush through uncontrolled and flood the conveyor. To meet this different it was necessary under the coarse while, these requirements was the steel apron feeder. One hundred of these feeders were necessary under the coarse wile by 42-inch pitch. The pans are lined with 4-inch pitch pitch. The pitch pitch pitch pitch pitch pitch pitch pitch pi

as not only to save the labor of handling by cars, but at the same time to relieve the crushers of the burden of landling the fine ore, which formerly closed and retarded the crushers. It was with this idea that the ore was stranged to be fed to the bins over coarse grizziles and stored in separate sets of bins. The fines from the grizziles do not need further white Cars.

All converges and gross yield of shipments from accomplete the property included in the report:

Tons. Gross Yield.

Llewellyn (feasing) ... 7 76,81.25

Clifford-Nay ... 4 11,682.75

Willow Greek Co... 7 763.23

Mercury M. Co... 2,244 6,616.00

to the bins over coarse grizzlies and stored in separate sets of bins. The fines from the grizzlies do not need further reduction before reaching the crushing rolls. They are consequently conveyed directly from these bins to the fine ore bins on the belt conveyors. This arrangement has so increased the capacity of the coarse crushing plant that a contemplated extra unit of coarse ore crushers was eliminated.

The length of the ore bins and the great quantity of ore to be handled necessitated a vast amount of conveying equipment. The four forty-eight-inch steel pan conveyors, each with a capacity of 4000 tons during twenty-four hours, aggregate 462 feet between centers. A hattery of sixty-eight sizel apron feeders, 36x12 inches, feeds the ore to these pan conveyors, and a battery of thirty-eight licit2-linch steel apron feeders serves the belt conveyors. The belt conveyors in the crushing plant include approximately 1700 feet or thirty-inch conveyor. The fielt conveyors are all equipped with special rubber conveying and the tony dead with special rubber conveying and post portions. feet of forty-two-inch conveyor and 200 felt conveyors are all equipped with special rubber conveying belt provided with a heavy rubber cover on the carrying surface. Style No. 3-D carriers are used for the thirty-inch and thirty-six-inch belts. The forty-two-inch belts are carried on flat carriers.

#### Boston Mining Stocks.

Logan & Bryan, members of all leading exchanges, 169 South Main street, furnish the following, received over their private wire resterday afternoon: LAST SALES ON COPPERS.

		Asked	1
Allouez	7200000	421	4
Allouez Butte & Superior Range Franklin		961	l,
Range		1984	11
Franklin	N. Carlot	5 5-14	
Inited Fruit		168	٦,
Inited Fruit		9	1
Old Colony		45	
superior & Boston	ALCOHOLD STATE	23	
tair tronsolidaded	(Applications)	1	
Houghton British Col. Copper		33	100
British Col. Copper		2.5	3
		23	13
Swift	107	1074	li i
Winona		45	1
			13
			12
Davis Daly		2	7
Indiana Nipissing	*****	6	2
Dulmen		69	1
Quincy Shattuck U. C., preferred		66	-
C preferred		489	1
Arcadian		482	Н
			13
Keweenaw Superior Copper		33	1
Superior Copper		301	1
Algomah	*****	19	г
mei	1 STREET, 1875	1 4 7 43	t.
Alaska Gold		99	ì.
			lo.
Granby		859	В
Granby North Butto Pond Creek		294	В
Pond Creek	-	1 196	P
			١.
Wolverine	Tall I	4.0	П
			1
mutte & Balak	Lawrence was	2 0 10	
CHRENE CHILDENIS	ECO-VIVORY	3 5-16	ľ
Tuolumne		2.0	10

Quotations incomplete and no copper close because of eastern storms inter-fering with the working of the wires. Ore and Bullion.

McCornick & Co., bankers, announced the receipt of ore yesterday valued at 53,500, and buillon shipped out valued at 1100,000° a total movement for the day of 5137,000. son St.

# UNITED VERDE MINE

Interesting Description of Clark's Arizona Property Produced Over \$6,000,-000 in 1913.

Former Senator Clark's United Verde mine in Arizona showed a big gain in a concise and interesting description of gold and silver production last year; the he coarse crushing plant installed at the copper production was larger than that copper production was larger than that of 1912, but not as big as some of the provious years. Gross sales of ore last year from this Arizona mine amounted to \$6,171,116, as compared with \$5,889,860 in 1912. New records in gold and silver were shown and the copper output was 35,333,324 pounds, as compared with 31,565,539 pounds in 1912 and 38,663,880 pounds in 1910. However, the company received \$5,857,840 for its copper last year, as compared with \$4,906,284 in 1910. The total receipts from ore during 1919 was \$5,005,488.

For its copper the company received

the past thre		1912	1011
Clarence ex	1918.	\$5,279,442	84 174 479
Copper\$5	381.350	298 155	246,68
Gold	431,926	321,860	315,69
	101,000		
Total \$6	171,116	\$5,899,860	\$4,736,83

To	tal86,171,116	\$5,899,860	\$4,786,834
Pre	oduction for the		years has
1918	Copper, 15		
1912	31,565,5	39 484,225	15,082
1910	38,663,8	80 563,133	19,267
1909	36,183.0		

Llewellyn (feasing) Clifford-Nay Willow Creek Co Mercury M. Co White Caps Johnnie Hallfax West End Belmont	2,244 2,266 1,010 12,044 43,057	Gross Yield \$ 76,681.25 11,082.76 768.23 6,616.00 614.73 9,094.38 15,878.83 364,784.80 850,616.73
Clifford (lease) Jim Butler North Star MacNamara Round Mountain Tonopah Mining	4,768 6,565 7,264	11,971.28 81,759.98 117,045.97 59,010.18 69,766.28 729,074.11
Totals	135.516	\$3 304 185 75

#### COPPER IN NEW FORM AT GOLDFIELD

With the second wall yet to be disclosed, eight feet of ore assaying from \$5 to \$15 a ton and specimens of it showing crystallized copper. has been revealed during the last week by the south crosscut recently started on the bottom or \$60-foot level of the shaft on the Excelsior property of the New Jersey Mines company, located in the extreme eastern section of the Goldfield district, according to the Goldfield district, according to the Goldfield Tribune. The specks of crystallized copper, some of them as large as a grain of wheat, constitute the first discovery of the red metal in that particular form made in this district. The find which is the downward extension of a vein opened up on the 330-foot level, was made about a week ago, but Manager Harry Ernest had no assays made from samples until a day or two ago. As soon as the vein is completely intersected, Manager Ernest will start drifting operations east and west upon the most favorable section of it. He is well pleased with the development.

## TONOPAH OUTPUT IN

MONTH OF JANUARY
Tonopah Belmont company 15,00 Tonopah Mining company 12,25 Montana-Tonopah company 4,25 Tonopah Extension company 4,71 West End Con. company 4,60 Jim Butler company 2,3 MacNamara company 1,85 Merger company 9, North Star company 44 Midway company 2,00
Total 47,20 Total gross value, \$896,923. The total production of the Tonopa mines for January shows an increase of 1092 tons over the total production for

New York Mining Stocks

ing exchanges, 169 if furnish the following, private wire yesterday NEW YORK LIS	South Preceive	Main d o	er t	
	Sales	H.	L.	Clar
Chino Inspiration Nevada Con Utah Copper Ontario Silver		545	166 16 541 26	16 16 54
Tables are incomple trouble, which preven	te beca	ure dr t	of v	el m

ONE GOOD JOB BRINGS TWO. That's why the Century continues to row. Century Printing Co., 231-35 Edi-on St. (Advertisement.)

# PUSHING WORK AT

In spite of the heavy snows that fall in that region, work is being prosecuted actively at the old Nay Aug mine west of Halley, Idaho, under bond and lease to the Big Four Exploration company, composed of K. C. Woolley, the engineering firm of Kink & Leavall of this city and others.

others.

It is a famous old mine in a region of mines that made history, and, like a good many of them, is not exhausted by any means. In fact, it is said to be in excellent shape now and producing a considerable amount of good shipping ore, which will be brought out when spring oness. C. Woolley has gone to Halley to charge of the work at the prop-

#### TRADING IS LIGHT ON LOCAL EXCHANGE

Trading was very light yesterday, although there had been an intermission of two days in which it might have been expected some orders would accumulate. Silver King Consolidated was again the chief performer, 650 shares being disposed of at \$1.56 and \$1.52\), iron Blossom sold 150 shares at \$1.17\); Colorado, 500 at 10\) cents, and King William, 2000 at 42 cents, The day's business amounted to 3800 shares, sold for \$1375.

Closing quotations were as follows:

LINLISTED STOCKS.

UNLISTED STOCKS.

			i mar	Anteu.
Rico-Welling Thompson-C Alta Consol	gton		\$ 124	5 .13
Alla Coursel	dincy .	*** ****	034	.04
WHILE COURSE	datted			-
	LISTEL	STOCK	cs.	
Addie Beck T Beck T Bing Am Bik Jack Cedar T Colo Min Cr Point Daly J Daly J Daly J Daly J Daly J E Frince E & B Bell E Tin Con. Emerald G Chain Gr Cent Ind Queen Iron Blos Keystone K David King Wm Lead King Lehl Tin Lit Bell Low Mam Musgrove Mammoth Mason Val May Day Min Flat Mt Lake N York Ohio Cop Opohongo Plutus Prince C Rexall S T Coall Seven Tr S K Con. Silvux C Swan Con Tin Cinc Tin Cent Tin Cent Tin Humb U Tintle Uncle Sam Utah Con Un Chief	A.	M. []	P.	M.
	Bid.	Asked.	Bid.	Asked.
Addie	\$	\$ .10	\$	3 .10
Beck T	.05	.07	.05	-07
Bing Am .	.05	.07	-05	-07
Bik Jack	.05	-10		000
Cedar T	.003	-002	-00€	111
Colo Min	.104	011	-01	011
Cr Point	1 10	+0.15	1 10	.019
Dolly T	5 00	5 75	5.00	6.75
E Prince	0.00	.002		-004
E & B Bell	.87	1.15	.20	1.10
E Tin Con.	.001	.001	-001	-003
Emerald	.035	_09	-03	1.0
G Chain	-12	.17	.14	164
Gr Cent	255	-65	-:00	.55
Ind Queen.		-004		1 20
Iron Blos	1.1:5	1.20	1.115	0.5
Keystone		10		.10
K David	0.4	05	.04	043
Lead King		.03	.01	.03
Lehl Tin				.003
Lit Bell	.10	.35	.10	.35
Low Mam	-01	.03	.01	.02
Musgrove .		.10		.10
Mammoth .	1727102	1.00	******	1 00
Mason Val.	1124	4.00	0.124	071
May Day .	0004	-013	-001	0.0
Mr Take	011	0.4	014	.04
N Vorle	-012		.02	.10
Ohio Cop	25	.40	.20	-40
Opohongo .	.02	.033	.02	.04
Pioche M .	.001		-001	*****
P ldaho	******	.95	*******	-35
Plutus	-053	.10	-051	-10
Prince C	- 1/7	.181	-17	-184
Rexall	.001	.009	1004	20
S I Coult.	001	05	001	06
S W Coall	2 40	2 521	2.40	8.591
S K Con	1 591	1.55	1.50	1.55
Silv Shield	1.002	.03		.02
Stoux C	.02	.031	.02	.033
Swan Con .	.009	.012	-009	.013
Tin Zine .	.07	.15	.07	.15
Tin Cent .	.007	.012	.009	.009
Tin Humb .	******	-001	****222	003
U Tintle	-007	.01	.001	.01
Uncle Sam.	.05	.08	-05	-08
Utah Con .	.004	-002	-004	0.4
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	112.4	- 11 to 81	. 02.9	1110

	Bid	Asked.	Bid.	Asked
C W & M.	\$91.00	\$96.00	1891.00	1\$95.00
MST&T		1100.00	1 95.00	100.00
Ut-Ida Sug.	5.90	6.50	5.90	6.50
		1410.00	11393.00	1410.00
Am Fuel	.12	.15	.12	.15
Can Val C.	2.50	3.60	2.50	1 3.50
Ind C & C.	1.55	1 1.90	1 1.55	1 1.90
Spg Can C.	.90	1 1.30	.90	1,30
Un H B		1.30		1 1.30
Ben Life	222.00	250.00	1220.00	245.00
Cont Life .	1112.00	The same	1112.00	1
Guar Cas	15.90	1 17.00	1 15.90	1 17.00

Shares sold, 250 Selling value, \$368.75. OPEN BOARD.

Colorado, 500 at 10%c. Shares sold, 500. Selling value, \$52.50. AFTERNOON SALES

King William, 2000 at 4½c. Silver King Consolidated, 350 at \$1.523. Shares sold, 2350. Selling value, \$618.75.

OPEN BOARD, Iron Blossom, 100 at \$1.172, Silver King Consolidated, 100 at \$1.522. Shares sold, 700. Silver King Consol Shares sold, 700. Selling value, \$235.

Nevadas in San Francisco. Logan & Bryan, 169 South Main street, members New York and Boston stock exchanges and Chicago board of trade, supply the following, received over their private wires yesterday:

	Bid.	Asked.
Goldfield district—		
Booth Blue Bull C. O. D. Combination Fraction Dalsy Diamondfield B. B. Florence Goldfield Consolidated	.16	\$ . 17
Booth		.05
Blue Bull	.04	.05
C. O. D	.04	Sections.
Combination Fraction		.09
Daisy		.06
Diamondfield B. B	******	.03
Florence	.53	.55
Kewanas	.05	
Jumbo Extension	.23	
Lone Star	.01	.02
Jumbo Extension Lone Star Merger Mines Oro Silver Pick Consolidated Vernal Fellow Tiger Manhatun district	.11	.12
Oro	.12	.08
Silver Pick Consolidated	.07	.08
Vernal	.05	******
Manhattan district—	.01	.02
Manhattan district— Big Four		
Dig Four	-10	.02
Dexter Union	*****	.02
Manhattan Consolidated Manhattan Dexter	-03	
Manhattan Dexter White Caps	902	
Comptage district	.98	******
Comstock district— Consolidated Virginia	20	
Hale & Norcross	.09	.21
		1.15
Mexican Ophir	.63	1.15
Savage Sierra Nevada Union	1.00	.64
Sierra Nevada	0.7	108
Union	17.5	16
Tonopah district-	(4.849)	-1.0
Belmont	7.85	8.00
Cash Boy	.08	.09
Gypsy Queen	.03	*****
Jim Builer	- 99	1.00
Hallfax Tonopah Merger	1.05	
Tonopah Merger	.58	
Midway Mon. Pitts. Extension	-38	
Mon. Pitte. Extension	-07	.08
Montana Mizpah Extension	1.00	1.02
Mizpah Extension	.46	
MacNamara	.09	.10
North Star	.38	
Rescue Eula	.14	.15
Rescue Eula Tonopali Extension West End Other districts	1.37	1.15

Other districts—
Pitts Silver Peak
Nevada Hills
Round Mountain

# BIG PRODUCTION OF

Con. Second, With Over 300,000,000 Pounds.

Every day, along the Nevada Northern branch ore line that passes through Ely on the north side of the city, nine, ten, r more trains of twenty-one cars each, loaded with ore from the Eureka, Lib-erty and Hecla pits of the Nevada Consolidated Copper company near Copper Flat, glide swiftly from Robinson cunyon with such regularity that the noise they make attracts but little more attention than the ticking of a clock, and for that than the ticking of a clock, and for that reason, because local residents have grown so used to the trains, the magnitude of what it all means to the world rarely comes in mind; nor does anyone watching a train roll along realize that, to bring down from the mines only the pure copper metal which the Nevada Consolidated has manufactured from the ore that has been carried along the same tracks, 134 of such trains, composed of 2820 cars, would be required, says the Ely Expositor. Assuming that the average copper content of all the ore was 1.7 per cent—the average for some years—and that only the pure copper which the ore contained had been hauled down the canyon, 192 trains made up of 4032 cars would have been required. On this basis the amount of ore which has been hauled through the city over the ore line branch has been 13.561,859 tons in 11,301 trains made up of 27.321 cars.

Since production of blister began at McGill in 1908 there has been produced up to December 31, 1913, 144,126 long tons, of 2240 pounds each, or 322,812,240 pounds. If the Nevada Consolidated sold this metal at an average price of 12½ cents a pound, the company's income from this source must have been \$40,-355,280; while If the price averaged 16 cents the receipts have been the enormous sum of \$48,426,335.

Assuming that the actual amount of ore produced, 322,842,240 pounds, represents reason, because local residents have

mous sum of \$48,426,335.

Assuming that the actual amount of ore produced, 322,842,240 pounds, represents an average extraction of only 70 per cent, the actual amount of copper contained in the ore mined was 461,203,200 pounds, 205,894 long tons, or 230,603 ordinary commercial tons. The value of this metal if it could have been sold in the form of bilster copper at 122 cents a pound would be \$37,650,400, while at 15 cents a pound the metal would be worth \$59,-180,480.

Nevada Consolidated is the second of Nevada Consolidated is the second o

Nevada Consolidated is the second of the porphyry mines to be developed in the United States, the Utah Copper being the first while the Ray, Miami and Chino have been producers since 1911. It is only ten years ago, in 1904, that the porphyry copper-bearing deposits were found to be workable, and when development of Utah Copper began the erection of the big mills at Garfield was planned. The big mill at Garfield began handling Utah Copper ore in 1907 and in the next year Nevada Consolidated production began. Since 1907 and up to the end of last year the total production of copper by the five porphyry mines is as follows, expressed in long tons (2249 pounds):

Nevada

1905		********		3,52
1909				19.197
1910				29,700
191				25,051
1913		4.000.000.000.000.000.000		28,153
101				28,500
191			2+1 02,000	20,000
	Totals .		220,622	144,126
l	Ray			
	Cons.	Miami.	Chino.	Total
		AFFE FRE	******	4.54
	******	*****	******	23,113
	******	******	******	43,516
	6,786	PROPERTY	******	67,42
1		7,230	440	91,250
	15,480	15,405	12,400	112,139
1	22,000	13,500	24,000	141,000
			24.272	100000
N J.	45,266	36,185	36,840	482,989
11	pounds	the prod	luction of	the por-
phy	ry com	panies as	shown ab	ove has
bec	n as foll	ows:		
Uto	h Coppe	r		94,193,286
Nes	ada Cor	solidated	3	22,842,240
Ray	Consoli	dated		01,171,840
Min	mi .			80,942,400
Chi	no .			82,531,600

Total 1,081,895,260
These properties will produce in pounds during the year 1914, according to esti-
 mates:
 Utah Copper
 125,000,090

 Nevada Consolidated
 75,000,000

 Ray Consolidated
 70,000,000

 Miami
 40,000,000

 Chino
 70,000,000

COPPER DIVIDENDS EXCEED \$3,000,000

Logan & Bryan, members of the New York Stock exchange, at 169 Main street, received the following over their private wire yesterday:
Utah Copper, Chino, Nevada Consolidated and Ray Consolidated posted their regular quarterly dividends today, payable March 1 to stockholders of record March 6.

Utah Copper and Chine each pay 75 ents a share quarterly and Ray Con-olidated and Nevada Consolidated each solidated and Nevada Consolidated each posted 37½ cents quarterly.

Utah Copper will be the largest distributor, its dividend amounting to \$1.-158,075. Nevada Consolidated is second with \$761,250. Chino Copper's dividend will be \$862,500, and Ray Consolidated will pay \$595,512. The total dividends from these properties at this time will amount to \$3,147,137.

#### THINKS MAY DAY ORE 60 PER CENT LEAD

Superintendent Griggs of the May Day, at Tintic, telephoned the offices here yesterday that the strike of new ore made recently in that mine is looking exceptionally well and that a carload of the ore would be shipped today, which he was confident would go 60 per cent lead-

Mason Valley Shipments.

Following are the total ore receipts of Mason Valley smeltery at Thompson for the seven days ended Thursday. February 19, says the Mason Valley News:

Nevada Douglas Copper, 695 tons; Mason Valley Mines company, 1542 tons; from mlsgellaneous mines, 440 tons; shipments of blister copper from Thompson for same period, four carloads.

Calumet & Hecla Dividend. The Logan & Bryan wires yesterda; carried the news that Calumet & Hecla had declared a quarterly dividend of \$5 per share. Three months ago \$6 a share

Mining Notes.

The Western Union Mining company has levied an assessment of one-fourth of a cent a share. Delinquent day is Marca a cent a share. Della 30, sale day April 20. George H. Dern of the Mines Operating company went to Park City this morning to spend a few days at the scene of the company's operations at the old Ontario. Frank J. Janney of the Utah Copper is a trip to southern California.

# WHEAT RALLIES ON

### Much to Do With Market.

CHICAGO, Feb. 24 .- Rumors of export sales had considerable to do today with rallying the price of wheat. Largely in consequence the market, which early in the session had been depressed closed steady at an advance of ac to 1016 net. Corn finished with a gain of ic to ic and outs up 122c. For provisions the outcome was irregular, varying from 25 @5c decline to an upturn of 74c.

outcome was irregular, varying from 25 cape decline to an upturn of 75c.

According to one authority, export sales by Chicago houses have been made steadily—some sales by way of the gulf and some from here to the Atlantic seaboard. There seemed to be no doubt that a little hard winter wheat at southwestern points was disposed of to foreigners, but in general dispatches from the east asserted that European bids were clearly out of line. The bulls received help, however, from the unexpectedly large decrease in the visible supply total and from Kansas and Nebraska reports that ice in many fields threatened to smother fall-sown grain.

Ample snow protection for most of the winter crop was the chief reason why the wheat market during the first part of the day could not escape from bearish control. Cable news also had been disappointing to the bulls, especially a huge enlargement of the amount of wheat on ocean passage.

Corn turned upward in response to western reports of a good call from feeders. A big elevator concern here which has been short for months went over to the buying side. The failure of the visible did not develop until after a sag, due to the piling up of receipts here in the last three days.

The oats trade was on a modest scale. Prices were governed mainly by the course of other grain.

Lard proved heavy throughout Exports of that product were seriously diminished compared with a year ago. Other provisions, aithough weak at first on account of a setback in the hog market, were afterwards restored by means of a moderate show of support.

RANGE OF THE LEADING FUTURES.

Wheat—

Open High Low. Close.

R.	ANGE OF	THE LE	ADING	FUTURE	9.
When	t-	Open 04%	High.	Low.	Close. 9114 89%
May July Oats-				65%	65% 66
July Pork-				40 25%	10%
May . July . Lard-		21.55 21.524	21.62% 21.65	21.45 21.50	21.62% 21.65
May .		10 72%		10.70 10.55	10 72% 10 92%
May		11 45	11.67%	11.57%	11.524 <u>6</u> 11.674 <u>6</u>
Whea		red, 9690			84350-

Wheat—No. 2 red. 56@5044c; No. 3 red. 844c; No. 2 hard, 234c; No. 3 hard, 2246924c; No. 2 northern. 545@504c; No. 3 northern. 55@504c; No. 3 spring. 55@504c; No. 3 spring. 56@504c; No. 3 spring. 56@504c; No. 3 white, 65@504c; No. 3 yellow, 56@51c; No. 3 white, 55@504c; Oats—No. 2 white, 414c; No. 3 white, 55@504c; standard. 640456604c; indurd, 4014 @ 401. nominal: No. 3, \$114e.

Barley - 50@70; Timothy - \$2.75\p5.10 Clover - \$12.00\perp 12.50 Port - \$21.62\perp 22.50 Lard - \$10.47\perp 2011.27\perp 2011.27\perp

### Coffee Futures.

Coffee Futures.

NEW YORK, Esh 24—The easier ruling of European markets over the local holiday, predictions of increasing Brazillan receipts and reports of slightly lower cost and freight offers caused an opening decline of 2 to 5 points in coffee this morning. There was considerable March liquidation in preparation for notices tomorrow, but much of it was in the way of switching. The close was burely steady at a net less of 4 to 5 points Sales, 195,000 bags. February and March, 8.55; May, \$.25c. July, \$.15c. September 9.36c. October, \$.35c. December 9.56c. June, \$.45c. spot, quiet. Rio %, 7. %;c. Santos No. 4. Hisc. mild, dull, Cordova, 136;15c. nominal

Evaporated Fruits.

EW YORK, Feb. 24.—Evaporated apples, quiet: er, 11年第125年; choice, 9年第25年; prime, 5年度 Prince-Firm; Californian, 25,831;c; Oregons 815-8110, 14 Stimule is Apricola-Steady: choice, 12%c; extra choice, 14%c; fancy, 15@ 6c.
Poaches-Pirm: choice, 6@6ije; extra choice, 6:6%f; faucy 75%c;
Raisius-Quiet, losse muscatela, 6:5@71;c; choice to fancy seeded, 7@8ije; seedless, 5:1@71;c; London layere, \$1.75@3.00

Sugar Market. NEW YORK, Peb M.—Sugar—Raw fairly steady; muscovado, 2.80c; centrifugal, 5.180c; molasses, 2.60c; refined, quiet; crushed, 4.50c; mold A, 4.60c; cubes, 4.55c; XXXX powdered, 4.20c; powdered, 4.20c; fine granulated, 4.10c; diamond A, 4.10c; confectioners' A, 4.00c; No. 3, 3.50c.

NEW YORK, Feb. 21.—Cotton futures openes steady: March 12.25e; May, 11.63e; July, 11.92e August, 11.72e; October, 11.47e; December, 11.52e NEW YORK, Feb. 24.—Cotton closed barely steady, not 2c lower to 2c higher.

#### PART OF CANYON IS IN LITIGATION

The general public seems to be under the impression that the whole of Copper canyon is tied up by the injunction obtained in the federal court by the Chasgow-Western commany against the placemen, says the Winnemucca Silver State. As a matter of fact there is but one whole claim and a fraction, or, to be exact, 2460 feet of ground affected by the suit.

The balance of the ground, as well as claims in near-by callyons, is being worked, with good results. It is estimated that in the vicinity more than 100 men are taking out gold.

The greatest production in the canyon has been reported by Christensen & Dahl. This firm has made several shipments through the banking house of A. D. Lemaire & Sons, the last, about two weeks ago, being worth a trifle over \$4850. The gravel is very rich, \$1000 having been washed out in one afternoon and \$600 in another half day.

Miners looking for days work are advised to the state was a size of the size size of th in another half day.

Miners looking for days' work are advised to stay away from the camp, as there are enough idle men on the ground to handle all the extra work for some time to come. to handle all the extra work for some time to come.

Ray & Matthews had a piece of ground tied up by the injunction, but yesterday secured an option on 200 feet, which they will no doubt close on.

#### WEEKLY SHIPMENTS OF TONOPAH MINES

Shipments from Tonopah mines were as follows for the week ended last Satur-lay, according to the Bonanza: Feb. 21. 

Take Thirty Days to Consider Titles. Take Thirty Days to Consider Titles.

The major portion of two days was devoted by the Manhattan Big Four directors to consideration of the negotiations between the officials and John Salsberry of San Francisco, president of the Commercial Mines & Milling company, looking to a consolidation. A resease of thirty days in the negotiations was taken pending the investigation of titles.—Tonopah Bonanza.

# STOCK TRANSACTIONS BUT LITTLE CHANGE

### Utah Copper First; Nevada Rumors of Export Sales Have Quotations Only Vary in Copper Is Still Firm Slight Degree; Professionals Are Bearish.

NEW YORK, Feb. 24.-Transactions in stocks today were the smallest of the year. From opening to close, quotations of the important stocks barely varied. london cabled lower prices for some members of the international group and placed a few selling orders here at opening, principally in Steel. Bear traders made experimental short sales and was sufficient to prevent a substantial decline and the market came to a halt. Some of the low-priced shares developed weakness, but the representative issues were held virtually on a dead level.

Let 10 be a complete significant to prevent a substantial morninal; standard spot morninal; lake, nominal; castings, in the complete significant control of t prices dropped slightly. But the demand

weakness, but the representative issues were held virtually on a dead level. In the railroad list, stocks of the Gould group were heaviest. Both issues of Wabash and of Denver & Rio Grande stocks reached the year's low figures, and Missouri Pacific was heavy. Rock Island common and preferred touched new low records. Weakness also appeared in several industrials which recently have moved widely, including Railway Steel Spring and Mexican Petroleum.

Professional operators were bearish, but lacking new material to work upon they were unable successfully to oppose the present tendency of the market to drift along idly while awaiting decisive developments in Mexico or elsewhere. The unruffled attitude of the British government in the face of the Benton affair in Mexico deprived the bears of a weapon. Lehigh Valley, the first important railway to make its February report, showed a decrease of \$403,000 in net revenue. This was offset by the fortnightly statement of idle freight cars, showing a decrease in surplus equipment.

The bond market moved irregularly. Total sales, par value, \$2,375,000.

United States bonds were unchanged on call.

Closing Stock List.

Closing Stoc	k Lis	t.		
	Sales	High	Low	Cis
A room becomes a facility of the control			7516	
American Agricultural American Beet Sugar American Con	******			54
American Con	101122	73107	12517	2214
Preferred	500	30% 52%	11015	21%
American Can Preferred American Car & F. American loe Securities American Liuseed American Liuseed American Loesmotive American Research Experience S. & Ref. Preferred	500	53	5114	51% 51%
Amer. Cotton Oll		20000		
American Ice Securities	3,500	29%	28%	2014
American Locomotive	200	10%	1014	34
Amer. S. & Ref	300	6814	6776	VLR.
Preferred				10134
American Locomoritye Amer S. & Ref. Preferred Amer. Sugar Ref. Amer. T. & T American Tobacco Anaconda Mining Co Antelison Preferred	200	12555	SERVE.	105%
American Tobacco	200	24715	120% 216%	120%
Anaconda Mining Co	******	F-8 X X X		2514
Atchison	800	0756	3746	5736
Atlantic Coust Line	*****		****	101
Attension Peeferred Atlantic Coast Line Baltimore & Ohio Bethlehem Steel Brooklyn Rapid Transit. Canadian Pacific Central Leather	******		55550	9234
Hethlehem Steel	1,000	2816 5016 21414 3114	27%	2.8
Capadian Pacific	2,700	5074	92%	9234
Central Leather	8,100	2244	21815	21336
Ches. & Ohlo	400	3116 641s	6334	6345
Chi Great West	*****	2000		10
Canadian Pacific Central Leather Ches. & Ohlo. Clin Great West. C. M. & St. P. Chicago & No. Western. Colorado F. & Iron. Con Gas Corn Products Delaware & Hudson.	600	102%	102	103%
Colorado P. & Iron	500	3216	2214	100
Con Gas	300	134	15815	133
Corn Products Delawiro & Hudson D, & R. G Proforred Distillers' Securities Erle				1 1115
D & B C	400	14	13	155
Preferred	400		24	93
Distillers' Securities		10000		1822
Erle 1st preferred	1,700	20%	29%	201 <sub>2</sub> 461 <sub>4</sub>
2nd preferred	******		****	
General Electric	500	14990	140	14315
Great Northern pfd	7.500	125 Te	110	12854
1st preferred 2nd preferred General Electric Great Northern pfd do Ore Cits Illinois Central	***	F-10.44		0.1
Interhorough Mer	600	3556	15	110
Interborough Met Preferred Inter Harvester	4 U. W. COSE	I COMON		15 61
Inter Harvester Inter Marino pid International Paper International Pump	400	104%	1044	1444
Inter Marine pid	000	11	10 12	10.18
International Pump		10000	100000	614
International Paper International Paper K. C. Southern Laclede Gas Lehigh Valley Louiz & Nash M. K. & T. Missouri Parific National Biscuit National Biscuit National Loci Nat. Rys. of Mexico N. Y. Central N. T. O. & Wen Norfolk & Western North American North American Northern Pacific Pacific Mail Pentsrivania People's Gas P. C. & St. L. Pittsburg Coal Pressed Steel Car Pullman Falace Car Besiting	200	25%	25 %	\$215.
Laclede Gas	17172		03237	95
Louis & Nach	1,000	1000	15014	106
M. St. P. & S. S. M				4.500
M K & T	1.700	2136	20 251 <sub>9</sub> 1301 <sub>9</sub>	2515
National Discoult	2,700	26-5	2515	130%
National Load		210-31	14079	50
Nat. Rys. of Mexico		1	\$1.00 ST	1115
N. Y. Central	1,400	20	80%	55%
Norfalk & Western		X+3-5	*****	104%
North American				6936
Northern Pacific	1,400	115%	1143,	11474
Pacific Mast	200	ing	1111	25 66
People's Gas	1	112	1	120
P., C., C. & St. L		1	1	35
Pittsburg Coal			100	2014
Pullman Palace Car	1.500	44	120	40%
Prissing Coal Pressed Steel Car Pullman Fulace Car Reading Republic from & Steel.	1,500 10,100 200	16734	186%	167
Republic from & Steel	200	25%	166% 25% 50%	25%
Book Jahund Co.	7,000	1/3/974		33
Preferred	4,400		479 815	615 815
Republic Iron & Steel.  Preferred  Rock Island Co.  Preferred  St. & S. F. ptf.  Seaboard Air Line.  Preferred  Sloss S. S. & Iron			0.70	1
Seaboard Air Line	*****	11100		2055
Preferred Slows S. S. & Iron Southern Pariff			++++	54%
Southern Pacific	2.30	9634	76	95
Southern Railway	700	2574	2615	115
Preferred Slows S. & Iron Southern Pacific Southern Railway Preferred Tennessee Copper Texas & Pacific Union Pacific	territor	12220	Line.	\$316
Terras & Paritie	300	3516	05%	35%
Union Paelfic	700	16111	1611	16174

#### New York Bonds.

S. Rubber

New York Money.

New York Money.

New York Feb 24.—Call money steady. 12;

\$2; rating rate. 1%; closing bid. 15;52.

Time loans, firmer; sixty days, 24;621; ninety days, 24;621, als months, 44;644;

Mercantile paper, 25;6544; aterling exchange, easy; slays days, 24;65.50.

Commercial bills, 24,82.

Har silver, 555;

Mexican dollars, 40;

Government bonds, steady; railroad bonds, fregular.

Flax, Oats and Rye.

MINNEAPOLIS, Feb. 24.—Flour—Unchanged. Burley—445050. Bran—Unchanged. Corn—No. 3 yellow, M@314c. O246—No. 2 white, 1774c. Flux—\$1.55\$1.574.

"Chicken Pie Dinner" At First Presbyterian Church, Friday, February 27, 6:30 p. m., 50 cents. (Advertisement.)

\$14.871/2; Silver and

Lead Stationary. 

NEW YORK, Feb. 24.—Lead. \$3.95; London, £19 7s 6d. Spelter, quiet, \$5.30@5.40; Lo

\$38.573@39.66.

Antimony, dull: Cookson's, \$7.25.

Iron, steady: No 1 northern, \$15.15.56; No. 2 northern, \$14.76@15.25.

I southern, \$14.75@15.25. No. 1 south
soft, \$14.75@15.25. No. 1 south
soft, \$14.75@15.25.

London markets closed as follows:
Copper, quiet; spot, £54 12s 6d;
tures, £65 2s 6d.

Tin, quiet; spot, £175 15s; fute
£177 10s.

Iron—illeveland warrants, 50s 14d.

#### New York Produce.

NEW YORK, Feb. 24.—Butter—Firm; 200 tubs; creamery extras, 204.04re; filler; held extras 22630c; process extras, Cheese—Tregular; receipts, 500 boxes; suite, fall and summer white apecial colored, 180184c; winter made special Eggs-Firm: fresh-gathered extrus, a

atta firsts, 204c; firsts, 2946-300; second 194c; refrigorator fine, 2648-75. Dressed Poulty-Firm; fresh-killed chickens, 156624c; fowls, 156184c; turkey

chickens, 15692c; fowls, 156935c; turkers, 25c.

Flour-First spring patents, \$4.5694.75; extraights, \$4.1694.29; whiter patents, \$4.5694.75; extraights, \$4.1694.29; extra No. 1 winter, \$2.55; extra No. 2 winter, \$2.3593.39; No. 2 hard winter, \$1.6954.29; Wheat-Spot, steady; No. 2 hard winter, \$1.6954.29; Wheat-Spot, steady; No. 2 hard winter, \$1.0054; and pathern Manifolds, \$1.0545; fo, b. allest, tures were easier early on the cables and proven in the west, but advanced on increase in the visible and absence of selling ours, closing unchanged to his met higher, \$1.007, \$1027, \$7756.

Hope-Steady; state common to choice, \$1.007, \$ m, 12c.
Petroleum-Steady, refined New York
12c; barrels, \$3.75; cases, \$11.25.
Wool-Steady, domestic fleece XX Oble.

#### Chicago Produce. CHICAGO, Feb. 24.-Butter-Steedy; e

CHICAGO, Feb. 21.—Butter-Steedy; cre 214(52)4gher; receipts, 12.168 observ, at cares included, 25@26c; ordinary first, 25 firsts, 25c. Cheese—Steady; Daisles, 17@174c; twin 174c; Americas, 15@154c; tong larres, 17 Foultry—Allve, higher; springs, 15c, few Potatoes—Steady; receipts, 59 care; Minnesott and Winconsin red, 50@55c; do 65@72c.

#### LIVESTOCK QUOTATIONS.

Kansas City.

KANSAS CITY, Feb. 24.—Hogs-celpts, 49,009; steady; bulk, \$3,609 beavy, \$8,50@8.65; light, \$7.50@8.60; \$7,50@8.10. Cattle-Receipts, 4000, including Cattle-Receipts, 4000, including southerns; strong; prime-fed steers, \$0.525; dressed-beef steers, \$1.256 southern steers, \$6.500,7.80, cows, \$5.50; heifers, \$6.100.8.00; calves, \$10.50.

Shoop—Receipts, 5000; higher: \$7.25@7.90; yearlings, \$6.00@6.90; ers, \$5.25@6.00; ewes, \$5.00@5.75.

### Chicago.

CHICAGO, Feb. 24.—Hogs—Recoi 30,000; market slow; bulk of sales, \$ 68.65; light, \$8.40@8.65; mixed, \$3.8. \$6.75; heavy, \$8.30@8.65; rough, \$8.3 8.40; pigs, \$7.50@8.50. 8.61; heavy, \$8.509.8.50; S.40; rigs, \$7.509.8.50; Cattle—Recelpts, 6500; steady; \$7.10@9.65; Texas steers, \$6.5 stockers and feeders, \$5.50@8.90; and helfers, \$3.70@8.55; culves.

1.00. Sheep—Receipts, 24,000; strong; Sheep—Receipts, 24,000; strong; 36.00@ilstb tive, \$1.90@6.25; yearlings, lambs, native, \$7.00@8.00.

#### Omaha.

Omaha.

SOUTH OMAHA, Feb. 24.—Hogs—ceipts, 7200; lower; heavy, \$8.25@8, light, \$8.00@8.30; pigs, \$7.00@8.00; hog sales, \$8.26@8.30.

Cattle—Receipts, 4000; higher; nat steers, \$7.40@8.85; cows and heifers, \$8.10; western steers, \$6.25@8.25. Testeers, \$6.00@7.50; range cows and heres, \$5.75@7.25; calves, \$7.70@10.25.

Sheep—Receipts, 1500; higher; yellings, \$6.00@5.80; wethers, \$5.25@6 lambs, \$7.00@7.85.

Successful Everywhere.

People everywhere are talking of quick and fine results Foley Kin Pills give in backache, rheumatism, ney and bladder troubles. You can take them into your system with good results. That is because F Kidney Pills give to the kidneys bladder just what nature calls fe heal these weakened and inactive gans. Schramm-Johnson, drugs, never-substitutors," five (5) (Advertisem stores.

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EDWIN G. WOOLLEY, JR., Manag Phone Exchange 94.

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So drugs—no knife. Have cured thousands—way not yea:

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Tee Foo Lun, C. H. D., Chlorese herbs are a blessing to the sick. They are so harmless that even a child can take them. You may have tried doctors and medicines, or many other methods may have failed—even some doctors might have told you your case was incurable or that even a change of climate or an operation was your only hope. Some doctors might have told you got case was incurable or that the said they could cure you, but they do so. Nine out of ten who have taken ur and have been cured had first tried doctor many other means to regain health and falle thousands suffering from catarth, askhma, bronchial, constipation, rheumaitam, somestiment of the said of the said